

# **RADIO COMMUNICATIONS APPARATUS AND RADIO COMMUNICATION METHOD**

Publication number: JP2008072733 (A)

Publication date: 2008-03-27

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Classification:

- international: H04J11/00; H04B1/707; H04B7/26; H04Q7/36; H04J11/00; H04B1/707; H04B7/26; H04Q7/36

- European:

Application number: JP20070262556 20071005

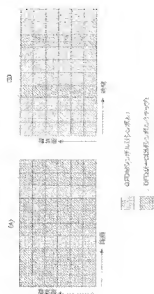
Priority number(s): JP20010257027 20010827; JP20070262556 20071005

Also published as:

JP4247288 (B2)

Abstract of JP 2008072733 (A)

**PROBLEM TO BE SOLVED:** To provide a radio base station device and a radio communication method excellent in high-quality transmission and high-speed transmission. ; **SOLUTION:** Orthogonal frequency division multiplex processing is performed on a transmission signal to form an OFDM modulation signal (dashed in FIG.) and orthogonal frequency division multiplex processing and code division multiple access processing are performed on a transmission signal to form an OFDM-CDMA modulation signal (shaded in FIG.) to transmit the OFDM modulation signal and the OFDM-CDMA modulation signal, which makes it possible to transmit data at a very high rate by using the OFDM modulation while making it possible to transmit data with a higher quality by using the OFDM-CDMA modulation than using the OFDM modulation, although it is slightly inferior to OFDM modulation in terms of high rate transmission. ; **COPYRIGHT:** (C) 2008,JPO&INPIT



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